



ARDIDEN

ASX ANNOUNCEMENT

27 July 2017

BULK SAMPLING COMPLETED AT SEYMOUR LAKE LITHIUM PROJECT, CANADA

Bulk sample collected for production testing and design program with strategic partner Yantai Jinyuan Mining Machinery Co., Ltd

Diversified minerals explorer and developer Ardiden Limited (ASX: ADV) is pleased to confirm that a bulk sample of approximately three tonnes has been obtained from the North Aubry prospect at the 100% owned **Seymour Lake Lithium Project** in Ontario, Canada.



Figure 1. Rock breaker creating a bulk sample at a pegmatite exposure at the North Aubry prospect.

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Figure 2. Excavator and truck collecting the bulk sample from North Aubry prospect.



Figure 3. Bulk sample of Spodumene bearing pegmatite obtained from the North Aubry prospect. Highlighted in the image are the large high quality Spodumene crystals.

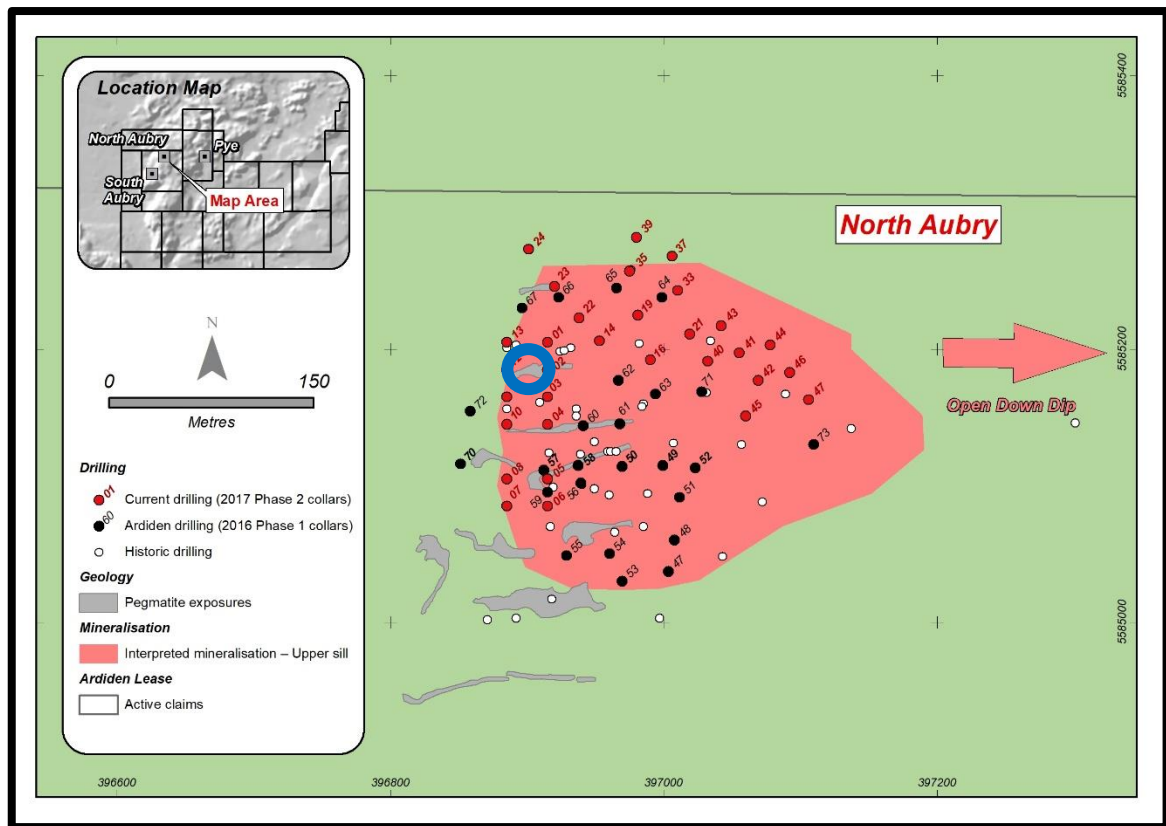


Figure 4. Overview showing the Phase 2 drill hole locations (Red) and the pegmatite exposures at North Aubry prospect, with interpreted extensions. Highlighted in the blue circle is approximate sample location for the bulk sample, which was taken at 5585185N, 3969000E.

Ardiden confirms that a representative bulk sample has been collected from a pegmatite exposure at the North Aubry prospect and is currently being prepared to be transported to China for analysis and processing by our strategic partner Yantai Jinyuan Mining Machinery Co., Ltd (“Yantai”).

The testwork program to be completed by Yantai will assist Ardiden in the overall design of the Lithium processing facility and to obtain a better understanding of how the Seymour Lake spodumene performs in the larger scale processing and will provide guidance on the potential of the project feasibility.

The metallurgical testwork program will allow Ardiden to investigate the lithium recovery and various extraction process options including gravity, flotation and magnetic separation processes to develop an optimum process flowsheet for the project.

The collection and testing of bulk samples is another important step forward to better understanding the potential commercial viability of the Seymour Lake Lithium Project and is a key advancement to the next stage of development.

The Company looks forward to providing further updates as they come to hand.

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About Ardiden Ltd

Ardiden Limited (ASX: ADV) is an emerging international strategic metals company which is focused on the exploration, evaluation and development of multiple projects located in the established mining jurisdiction of Ontario, Canada.

The 100%-owned Seymour Lake Lithium Project comprises 7,019 Ha of mining claims and has over 4,000m of historical drilling. Mineralisation is hosted in extensive outcropping spodumene-bearing pegmatite structures with widths up to 26.13m and grades of up to 6.0% Li₂O. These high-grade pegmatite structures have been defined over a 5km strike length.

The 100%-owned Root Lake Lithium Project is located in Ontario, Canada. The project comprises 1,013 Ha of mining claims and has over 10,000m of historic drilling. Mineralisation is hosted in extensive outcropping spodumene-bearing pegmatite structures with widths up to 19m and grades of up to 5.10% Li₂O. In addition, tantalum grades of up to 380 ppm were intersected.

The 100%-owned Root Bay lithium project is strategically located approximately 5km to the east of the recently acquired Root Lake Lithium Project and consists of three claim areas, totalling 720 hectares. The project was staked by Ardiden as part of its regional exploration focus in and around the Root Bay spodumene-bearing pegmatite. Initial observations of the exposed pegmatite are characterized by coarse white albite, grey quartz and pale grey-green spodumene crystals up to 10cm long.

The 100%-owned Manitouwadge Flake Graphite Project covers an area 5,300 Ha and has a 20km strike length of EM anomalies with graphite prospectivity. Previous preliminary metallurgical testwork indicated that up to 80% of the graphite at Manitouwadge is high value jumbo or large flake graphite. Testwork also indicated that simple, gravity and flotation beneficiation can produce graphite purity levels of up to 96.8% for jumbo flake and 96.8% for large flake. With the proven caustic bake process, ultra-high purity (>99.95%) graphite can be produced. The graphite can also be processed into high value expandable graphite, high quality graphene and graphene oxide.

The Wisa Lake Lithium project (under option to acquire 100%) is located 80km east of Fort Frances, in Ontario, Canada and only 8km north of the Minnesota/US border. The property is connected to Highway 11 (Trans-Canada), which is located 65km north via an all-weather road that crosses the centre of the project. The Wisa Lake Lithium Project consists of five claims (1,200 hectares) and covers the historical drilling location of the North Zone. Ardiden is aiming to commence a limited drill program to drill test and verify the historical lithium results.

The Bold Properties project (under option to acquire 100%) is located approximately 50km north-east of the town of Mine Centre in Ontario, Canada. The property is connected to Highway 11 (Trans-Canada), which is located 25km south via an all-weather road. The Bold Property Project consists of four claims (1,024 hectares) and covers a number of anomalous sulphide zones. In 1992, Hexagon Gold (Ontario) Ltd. completed a total of 17 drill holes in multiple locations on and around the Bold Property Project at various depths of up to 428m down-hole. The nine grab samples that were collected by Hexagon in 1992 returned encouraging grades of up to 0.33% cobalt, 5.54% copper and 0.73% nickel, confirming the significant exploration potential.

All projects located in an established mining province, with good access to infrastructure (road, rail, power, phone and port facilities) and local contractors and suppliers.

Competent Person's Statement

The information in this report that relates to exploration results for the Seymour Lake Lithium project and is based on, and fairly represents, information and supporting geological information and documentation in this report has been reviewed by Mr Robert Chataway who is a member of the Association of Professional Geologists of Ontario. Mr Chataway is not a full-time employee of the Company. Mr Chataway is employed as a Consultant Geologist. Mr Chataway has more

than five years relevant exploration experience, and qualifies as a Competent Person as defined in the 2012 edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves” (the JORC Code). Mr Chataway consents to the inclusion of the information in this report in the form and context in which it appears.

Forward Looking Statement

This announcement may contain some references to forecasts, estimates, assumptions and other forward-looking statements. Although the company believes that its expectations, estimates and forecast outcomes are based on reasonable assumptions, it can give no assurance that they will be achieved. They may be affected by a variety of variables and changes in underlying assumptions that are subject to risk factors associated with the nature of the business, which could cause actual results to differ materially from those expressed herein. All references to dollars (\$) and cents in this presentation are to Australian currency, unless otherwise stated. Investors should make and rely upon their own enquires and assessments before deciding to acquire or deal in the Company’s securities.